Canon

imagePROGRAF® iPF720

iPF720

TECHNICAL DOCUMENTS

LARGE-FORMAT PRINTING

Print-Head
PF-03

Technology
FINE (Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)
2400 x 1200 dpi

Line Accuracy*
±0.1% or Less

Minimum Line Weight**
0.02mm

Number of Nozzles
Matte Black: 5,120 Nozzles
Other Colors: 2,560 Nozzles per Color

Droplet Size
4 Picoliter

Nozzle Pitch (Head Resolution)
1200 dpi x Two Rows

Print Head Swath
1.07 inch

Ink Type
Dye
Cyan (C), Magenta (M), Yellow (Y), Black (K)
Pigment
Matte Black (MBK) – Two Channels

Ink Tank
PFI-102

Ink Tank Capacity***
130ml per Color

Number of Colors
5

Ink Supply Method
Tubing System

Nozzle Recovery System
Non-firing Nozzle Detection and Compensation

Printer Controller
L-COA Controller

Printer Memory
256MB

Built-in Hard Disk Capacity
80GB

Media Feed
Front-loading Manual Feed, Rear-loading Roll Feed

Media Width
Roll Feed
10" – 36" (254mm – 914.4mm)
Cut Sheet
8" – 36" (203.2mm – 914.4mm)

Printable Margins
Roll Feed
All Sides: 0.12" (3mm) or 0" for Borderless

Minimum Printable Media Length
Roll Feed
8.0" (203mm)

Maximum Print Length†
Roll Feed
59' (18m)
Cut Sheet
5.2' (1.6m)

Borderless Printing Widths (Roll Media Only)
10", 14", 16", 24", 36",
B2 (20.28"/515mm), A1 (23.38"/594mm)
B1 (28.66"/728mm, AO (33.11"/841mm)

Media Cutter
Durable Rotary Blade

Media Thickness
Roll Feed
0.07 – 0.8mm (2.8 – 31.4mil)
Cut Sheet
0.07 – 0.8mm (2.8 – 31.4mil)

Media Core Sizes
2" or 3" Core (2/3" Core Adapter Included)

Maximum Roll Outer Diameter
5.9" (150mm)

Software
Printing Software
imagePROGRAF Printer Driver, HDI Driver for AutoCAD®/AutoCAD LT 2000–2008,†† Printer Driver Extra Kit (Free Layout, imageRUNNER Linking Function)
Utilities
Media Configuration Tool
Applications
Digital Photo Front-Access,▲ imagePROGRAF Device Setup Utility, PosterArtist Lite▲

Device Status
imagePROGRAF Status Monitor, Remote UI

Printer Language
GARO (Canon Proprietary), HP-GL/2, HP RTL

Operating Systems▲▲
Windows® 2000/XP/Server 2003/Windows Vista® (32-/64-bit), Macintosh® OS 10 (PowerPC or Intel®)

Interface
Standard (Built-in)
USB 2.0 Hi-Speed, 10/100Base-T/TX
Optional
IEEE1394 (FireWire)

Acoustic Noise
Operation
52dB (A) or Less
Standby
35dB (A) or Less
Acoustic Power
6.6 Bels or Less

Power Supply
AC 100–240V (50-60Hz)

Power Consumption
Maximum
140W or Less
Standby
5W or Less (10W or less when IEEE1394 is mounted)
Power Off
1W or Less (Executive Order Compliant)

Certifications
Electrical Safety
UL® (USA), C-UL (Canada), CE Mark (EN60950, EN55022 classB, EN61000-3-2, EN61000-3-3, EN55024) (Europe), TUV (GS) (Germany), AS (Australia), PSB (Singapore), CCC (China), EK (Korea), S mark (Argentina), Gost-R (locally obtained) (Russia), CB Certification (other countries)
Electromagnetic
FCC Class B (USA), IC Class B (Canada), CE Mark (EU), VCCI class B, JEITA (Japan), C-tick (Australia), MIC (Korea)
Environmental
ENERGY STAR® (WW), RoHS, IT ECO Declaration (Europe), WEEE, Executive Order (USA), China RoHS

iPF720

imagePROGRAF® iPF720

Operational Environment

Temperature
59 – 86 F° (15 – 30 C°)

Relative Humidity
10 – 80% (No Condensation)

Printer Dimensions (W x D x H)
59.3" x 34.3" x 43.1"
(1507mm x 871mm x 1094mm)

Weight (with Stand)
Approx. 141 lb.
(Approx. 64kg)

Package Dimensions (W x D x H) (with Pallet)
66.7" x 29.9" x 35.9"
(1695mm x 760mm x 912mm)

Package Weight (with Pallet)
Approx. 208 lb.
(Approx. 94kg)

Options
IEEE1394 Expansion Board (EB-05)
Roll Holder Set (RH4-32)
PosterArtist 2007
PhotoPRINT Select (Adobe® PostScript® RIP)

User Replaceable Items
Print-Head (PF-03)
Ink Tanks (PFI-102)
Maintenance Cartridge (MC-07)
Cutter Blade (CT-05)

What's In The Box
Printer, User Software CD (Printer Driver, HDI Driver, Utilities),PosterArtist Lite CD, User Manual CD, 6 Starter Ink Tanks (MBK x 2, Cyan, Magenta, Yellow, Black), 2" Core Media Spool with 3" Adapter, Print-Head, Maintenance Cartridge, Media Cutter, Built-in Ethernet/USB 2.0 Interface, Quick Setup Guide (Poster), Printer Reference Guide (Booklet), Power Cord, One-Year Onsite Warranty, Registration Card, Stand, Basket, Hardware (For Setting Up the Stand)

* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.

** Theoretical value based on data resolution

*** The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

† The maximum printable length varies depending on the application, OS, and RIP used.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/2007/2008

▲ Windows 2000/XP/Windows Vista 32-bit

▲▲ For imagePROGRAF Printer Driver. For printing from PostScript applications such as Adobe Illustrator® or QuarkXPress™, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

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L-COA

FINE
Full-photolithography Inkjet Nozzle Engineering

ENERGY STAR